

Cumulative contents of Volume 41

Volume 41, No. 1, January 1995

Papers

L. Colace, M. Giona and M. Coli Parallel implementation of a general purpose functional predictor for chaotic time series	1
S. Katsikas, A.K. Leros and D.G. Lainiotis Underwater tracking of a maneuvering target using time delay measurements	17
S.V. Vaseghi State duration modelling in hidden Markov models	31
J. Rheem, B. Kim and S. Ann A nonuniform sampling method of speech signal and its application to speech coding	43
B. Al-Badr and S.A. Mahmoud Survey and bibliography of Arabic optical text recognition	49
M. Akay Harmonic decomposition of diastolic heart sounds associated with coronary artery disease	79
G. González, R.E. Badra, R. Medina and J. Regidor Period estimation using minimum entropy deconvolution (MED)	91
S. Agaian, J. Astola, K. Egiazarian and P. Kuosmanen Decompositional methods for stack filtering using Fibonacci p -codes	101
P.M. Lapsa Proof of multi-dimensional stability condition	111
EUSIPCO-94 Proceedings	117

Volume 41, No. 2, January 1995

Papers

X. Li and T. Chen Efficient synthesis of parameterized Gaussian-like filters by approximation	119
R. Yang, M. Gabbouj and Y. Neuvo Fast algorithms for analyzing and designing weighted median filters	135
H.-R. Park, J. Li and H. Wang Polarization-space-time domain generalized likelihood ratio detection of radar targets	153
A. Freedmann, N. Levanon and S. Gabbay Perfect periodic correlation sequences	165
G.A. Tsihrantzis and C.L. Nikias Detection of impulsive stochastic transients over background noise	175
M.A. Marvasti and W.C. Strahle Fractal geometry analysis of turbulent data	191

G.L. Foresti, C.S. Regazzoni and G. Vernazza	
Circular arc extraction by direct clustering in a 3D Hough parameter space	203
M. Jourlin and J.C. Pinoli	
Image dynamic range enhancement and stabilization in the context of the logarithmic image processing model	225
C.-Y. Chi and J.-Y. Kung	
A new identification algorithm for allpass systems by higher-order statistics	239
Announcements and calls for papers	257

Volume 41, No. 3, February 1995

Papers

O.V. Shentov, S.K. Mitra, U. Heute and A.N. Hossen	
Subband DFT – Part I: Definition, interpretation and extensions	261
A.N. Hossen, U. Heute, O.V. Shentov and S.K. Mitra	
Subband DFT – Part II: Accuracy, complexity and applications	279
Y.G. Yang, N.I. Cho and S.U. Lee	
On the performance analysis and applications of the subband adaptive digital filter	295
P. Kuosmanen and J. Astola	
Optimal stack filters under rank selection and structural constraints	309
R.G. Shenoy and T.W. Parks	
Wide-band ambiguity functions and affine Wigner distributions	339
J.M. Gehring	
Separable two-dimensional recursive digital filters with zero-phase approximation in the passband	365
M.B. El Mashade	
Performance analysis of modified ordered-statistics CFAR processors in nonhomogenous environments	379
L. Goldfeld and D. Wulich	
A calculation of the capacity of a twisted-wire pair	391
S. Roques, K. Bouyoucef, L. Touzillier and J. Vigneau	
Prior knowledge and multiscaling in statistical estimation of signal-to-noise ratio – Application to deconvolution regularization	395
Author index of Volume 41	403
Cumulative contents of Volume 41	405

